

## Notes on Immigrant Coleoptera.

BY D. T. FULLAWAY.

(Presented at the meeting of October 6, 1921.)

It is gratifying to be able to refer by name to a number of beetles which have rested in our insect cabinets for some time unidentified. The determinations which follow have been secured through the kindness of Mr. G. E. Bryant, of the Imperial Bureau of Entomology, to whom examples of the different species were referred for identification. The citation of previous references to the species is made as an additional means of recognition. In several cases the present reference is the first that has been made to the occurrence of the species in Hawaii. Immediately following the list of determinations is an extended list of species which have been known in Hawaii for some time without published notice. The bibliographical references furnished have been gained from Gemminger & Harold's Catalogue of the Coleoptera, Junk's Catalogue of the Coleoptera, Leng's Catalogue of North American Coleoptera and other miscellaneous sources of information, as indicated.

These additions to our knowledge of the local Coleoptera have resulted from a brief study of the literature and collections of the Board of Agriculture and Forestry and the Hawaiian Sugar Planters' Experiment Station.

## RECENT DETERMINATIONS.

## ANTHRIBIDAE.

? *Lawsonia* sp.\*

*vide* F. H. 1 (6), p. CXXIV; Pr. H. E. S. 3, p. 273.

First record, April 6, 1916.

Earliest specimen collected by D. B. Langford in May, 1910.

Locality: Honolulu (Oahu).

---

Proc. Haw. Ent. Soc., V, No. 1, October, 1922.

---

\* Specimens referred by Mr. Bryant to Dr. Karl Jordan, a specialist upon this group of beetles, have been recently identified as a new species belonging to the genus *Exillis*, and will shortly be described and published.

## LAMIIDAE.

**Sybra alternans** Wied.

*vide* Pr. H. E. S. 3, p. 388; 4, pp. 39, 82.

First record, July 6, 1917.

Collected: Honolulu (Oahu).

*S. alternans* credited to Eschscholtz *in litt.* (cf. Lacord. Gen. Col. IX, p. 616, 1872) in G. & H. (X, 3104).

No reference to Wied. Locality, Malacca. Bridwell (supra, p. 82) recognized the species in material collected by Williams in the Philippine Islands.

## OEDEMERIDAE.

**Ananca ? sinensis** Gemm.

*vide* F. H. 1 (6), p. CXXVI.

Earliest specimen collected by Swezey at Puako, Hawaii, May 12, 1905. A second specimen captured by Swezey on steamer at Hilo, Hawaii, May 24, 1915, and another taken by Ehrhorn on wharf in Honolulu, June 6, 1911.

*Ananca sinensis* Gemm. Coleop. Heft. VI, 1870; *chinensis* Bohem. Res. Eugen. 1858, p. 111 (G. & H. VII, p. 2169).

Locality: Hong Kong.

## ANTHICIDAE.

**Anthicus floralis** L.

Not previously recorded.

Earliest specimen collected by Giffard, December 1, 1907.

Locality: Honolulu (Oahu).

*Anthicus floralis* L. Fauna Suec. 1761, p. 228; Syst. Nat. ed. 12, p. 681. (G. & H. VII, 2095.)

This catalogue gives a lengthy synonymy and the following distribution: Lombardia, Gallia, Anglia, Italia, Germania, Chili, Am. bor. Junk (Anthicidae, p. 47) adds *Erythrea* and Leng (p. 163) considers it cosmopolitan.

## XYLOPHILIDAE.

**Xylophilus** sp.

Not previously recorded.

Earliest specimen collected by Swezey, October 17, 1905, on mulberry in Honolulu.

The species has also been taken by Swezey on Hawaii, at Hilo, October 26, 1908, and on Kauai at Lihue, March 31, 1912.

## TENEBRIONIDAE.

**Platydemia subfascia** Walker.

*vide* Pr. H. E. S. 3, p. 14.

Earliest specimen collected by Giffard on Tantalus Mt., back of Honolulu (Oahu), December 26, 1904. This species has also been taken by Terry at Kealia, Kauai, October 21, 1905, and by Swezey on Maui, in Iao Valley, July 29, 1906.

First record, September 4, 1913.

*Platydemia subfascia* Walker Ann. Mag. Nat. Hist. (3) II, 1858, p. 284. (Junk's Cat. Col. Tenebrionidae, p. 377.)

Localities: India, Sunda Islands, S. China, etc.

**Blapstinus ? dilatatus** Lec.

*vide* Pr. H. E. S. 3, p. 373.

Earliest specimen collected by Swezey at Waipahu, Oahu, August. 25, 1904. The species has also been taken by Swezey on Hawaii, at Kawaihae, September 5, 1919. First record, March 1, 1917.

*Blapstinus dilatatus* Lec. Ann. Lyc. N. H. N. Y. V, 1851, p. 146. Cas. Mon., p. 430, t. 4, f. 1. (Junk's Cat. Col. Tenebrionidae III, p. 298.)

Localities: Arizona and Southern California. Cited, also, by Leng (p. 231).

**Conibius sp. nr. brunnipes** Champ.

Not previously recorded.

Earliest specimen collected by Ehrhorn, August 16, 1917.

Locality: Honolulu (Oahu). ?

*Conibius brunnipes* Champ. Biol. Centr. Amer. Col. IV, I, 1885, pp. 183, 530, t. 6, f. 12. (Junk's Cat. Col. Tenebrionidae, II, p. 302.)

Locality: Central America. Leng (p. 231) gives locality "Mex. (U. S. ?)"

## DERMESTIDAE.

**Telopes undulata** Motsch.

Not previously recorded.

Earliest specimen collected by Terry, December, 1908.

Locality: Honolulu (Oahu).

*Telopes (Aethriostoma) undulata* Motsch. Etud. Ent. 1858, p. 47, t. 1, f. 10. (G. & H., III, IV, p. 917.)

Locality: India Or. Listed also by Junk (Dermestidae, p. 60.)

#### THROSCIDAE.

*Trixagus* sp.

*vide* Pr. H. E. S. 3, p. 289.

First record, October 5, 1916.

Locality: Honolulu (Oahu).

#### STAPHYLINIDAE.

*Osorius rufipes* Motsch.

Not previously recorded.

Earliest specimen collected at Olaa, Hawaii (collector's name not given), in April, 1918. The species has also been taken by Fullaway on Oahu, in Honolulu, September 9, 1919.

*Osorius rufipes* Motsch. Bull. Mosc. 1857, IV, p. 508. (G. & H., I, II, p. 642.)

Locality: India Or.

*Lithocharis ochracea* Er.

Not previously recorded.

Specimens without date label.

Collected: Honolulu (Oahu).

*L. ochracea* credited to Gravenhorst in G. & H. (I, II, p. 622) and Leng's Cat. Col. N. A. (p. 103).

Localities: (G. & H.) Taite, Chili, Germania; (Leng) Mich. Eur. & N. A. Fla.

#### DYTISCIDAE.

*Hydrovatus confertus* Sharp.

Not previously recorded.

Earliest specimen collected by Terry in Honolulu (Oahu), June 12, 1904. The species has also been taken by Swezey on Hawaii at Olaa, April 19, 1920.

*Hydrovatus confertus* Sharp, Tr. Dublin Soc. (2) II, p. 329, 1882.

Locality: Siam.

## CARABIDAE.

**Bembidium** sp.

Not previously recorded.

Earliest specimen collected at Honolulu (Oahu). Labeled "Kewalo." By Swezey, July 24, 1913.

The species has also been taken by Swezey on Maui, at Waihee, July 11, 1920.

**Perigona nigriceps** Dej.

Not previously recorded.

Earliest specimen collected at Honolulu (Oahu). Labeled Pond's Dairy, Kapahulu, ex cattle ordure. By Terry and Swezey, May 15, 1907.

*P. nigriceps* Dejean Spéc. gén. des Coleop. V, 1831, p. 44 (Leng, p. 64).

Localities given: Southern California, Africa, Asia.

## HYDROPHILIDAE.

**Cercyon** sp.

Not previously recorded.

Earliest specimens collected at Honolulu (Oahu), by Swezey? April, 1910.

## TROGOSITIDAE.

**Lophacateres pusillus** Klug.

Not previously recorded.

Earliest specimens collected by Swezey at Honolulu (Oahu), October 2, 1914, in rice-hulls.

*Lophacateres pusillus* Klug. Jahrbücher der Insectenkunde, Berlin, 1834, p. 159 (Leng, p. 194).

Localities given: Siam, S. C., Texas.

## CLERIDAE.

**Thaneroclerus buqueti** Lef.

Not previously recorded.

Earliest specimen collected by Swezey at Lihue (Kauai), September 11, 1907.

The species has also been taken by Swezey at Honolulu (Oahu), August 18, 1913, ex rotten board on ground; September 7 and 27, 1914, at light.

*Thaneroclerus buqueti* Lefebvre. Ann. Fr. 1835, p. 582, t. 16; f. 4. Westw. Introd. I, 1839. (G. & H., V-VII, p. 1739.)

Locality: India Or.

Marshall says: "An introduced insect, being known at present only from India and Ceylon."

# ADDITIONAL SPECIES NOT HITHERTO CREDITED TO HAWAII.

## CURCULIONIDAE.

### *Imaliodes pusillus* Karsch.

Earliest specimens secured in October, 1906, from seeds of *Saraca indica*. Also reared from seeds of *Castanopsis permum australe*.

Locality: Honolulu (Oahu).

*Imaliodes pusillus* Karsch. B. E. Z. XXV, p. 10, pl. 1, fig. 15.

Locality: Marshall Islands.

## TENEBRIONIDAE.

### *Gnathocerus maxillosus* Fabr.

Earliest specimen collected by Terry, October 19, 1906.

Locality: Honolulu (Oahu).

*Gnathocerus maxillosus* Fabr. Syst. El. 1, 1801, p. 155.

Localities: America, Madeira, Canary Islands, S. France. (Junk, Tenebrionidae III, p. 392.)

## DERMESTIDAE.

### *Anthrenus thoracicus* Melsh.

Earliest specimen collected by Langford July 7, 1909.

*vide* An. Rep. U. S. Exp. Sta. 1904.

Locality: Honolulu (Oahu)?

*Anthrenus thoracicus* Melsh. Pr. Phila. Acad. Nat. Sci. II, 1844, p. 117.

Locality: Middle and Southern States of the U. S. distinct from *A. scrophulariae* (Blatchley. Col. Indiana, p. 597).

## COCCINELLIDAE.

### *Stethorus vagans* Blackburn.

Earliest specimen collected by Austin, August 20, 1904.

Locality: Oahu.

*Stethorus vagans* Blackburn Tr. R. Soc. S. Australia, XV, p. 248.

Locality: Australia.

**Pullus** sp.

Earliest specimen collected by Terry at Lihue, Kauai, April, 1905.

This species has also been taken by Swezey on Oahu, at Honolulu, September 13, 1905, and on Hawaii, at Honokaa, August 11, 1915.

## LATHRIDIIDAE.

**Coninomus constrictus** Gyll.

Earliest specimen collected by Swezey in Honolulu, March 11, 1921, on Lantana flowers.

*Coninomus* (*Latridius*) *constrictus* Hummel Ess. Ent. IV, 1824, p. 13. Gyll. Ins. Spec. IV, 1827, p. 138. Cosmopolitan (G. & H., III, IV, p. 896).

## CUCUJIDAE.

**Silvanus planatus** Germ.

Earliest specimen collected by Terry at Aiea, Oahu, April 2, 1906.

*Silvanus planatus* Germ. Ins. Spec. Nov. 1824, p. 466.

Locality: Am. Bor. (G. & H. III-IV, p. 879). Possibly female of *bidentatus*. (Blatchley, Col. Ind., p. 562.)

**Silvanus bidentatus** Fab.

Earliest specimen collected by Swezey in Honolulu, April 11, 1917.

*Silvanus bidentatus* Fab. Syst. El. I, p. 317 (G. & H. III-IV, p. 879).

Locality: Europe.

## STAPHYLINIDAE.

**Aleochara puberula** Klug.

Earliest specimen collected by Swezey at Waialae, Oahu, July 11, 1913.

*Aleochara puberula* Klug. Ins. Madag., p. 139.

Locality: Madagascar, Madeira, Gallia. "A true cosmopolitan *Aleochara* of the subg. *Xenochara*, first described from Madagascar, although occurring almost everywhere" (Fenyès in litt.).

**Gibbium psyllodes** (Czemp.).

Earliest specimen collected by Swezey in Honolulu, April 21, 1909.

*Gibbium psylloides* (Czemp.) Dissertation inauguralis  
Vienna, 1778, p. 51; *scotias* Fabr. Spec. Ins. 1781,  
p. 74. Cosmopolitan. Introduced into the U. S. A.  
(Leng, p. 240).